

In the claims:

Please Cancel Claims 9-24.

Please Amend Claims 1-8.

1. (Amended) A method of delivering a moiety of interest into a cell, the method comprising contacting the cell with a complex comprising the moiety of interest covalently linked to a protein consisting of a portion of a heat shock protein (hsp), wherein the cell is contacted under conditions appropriate for entry of the complex into the cell and the portion of the hsp is sufficient to deliver the moiety into the cell.
2. (Amended) The method of claim 1, wherein the heat shock protein is a mycobacterial heat shock protein.
3. (Amended) The method of claim 2, wherein the heat shock protein is a mycobacterial hsp70.
4. (Amended) The method of claim 1, wherein the moiety is a protein or a peptide.
5. (Amended) The method of claim 1, wherein the cell is an antigen presenting cell.
6. (Amended) The method of claim 1, wherein the heat shock protein is a yeast heat shock protein, a bacterial heat shock protein, a mammalian heat shock protein, an insect heat shock protein, or a fungal heat shock protein.
7. (Amended) The method of claim 2, wherein the heat shock protein is an hsp65, hsp60, hsp71, hsp90, hsp100, hsp10-12, hsp20-30, hsp40 or hsp100-200.
8. (Amended) The method of claim 4, wherein the protein or peptide is glycosylated.

Amendments to the claims are indicated in the attached "Marked Up Version of Amendments" (pages iii – iv).

Please add new Claims 25-44.

25. (New) The method of claim 1, wherein the moiety comprises a lipid, carbohydrate, or small organic molecule.
26. (New) The method of claim 6, wherein the mammalian heat shock protein is a human heat shock protein.
27. (New) The method of claim 1, wherein the cell is a human cell.
28. (New) The method of claim 1, wherein the moiety of interest is covalently linked to the heat shock protein by a peptide bond.
29. (New) The method of claim 1, wherein the moiety of interest is covalently linked to the heat shock protein by chemical conjugation.
30. (New) The method of claim 1, wherein the cell is a cell *in vivo*.
31. (New) The method of claim 1, wherein the portion of the hsp is a protein- or ATP-binding domain.
32. (New) The method of claim 5, wherein the heat shock protein is a mycobacterial heat shock protein.
33. (New) The method of claim 5, wherein the heat shock protein is a mycobacterial hsp70.
34. (New) The method of claim 5, wherein the moiety is a protein or peptide.

35. (New) The method of claim 5, wherein the heat shock protein is a yeast heat shock protein, a bacterial heat shock protein, a mammalian heat shock protein, an insect heat shock protein, or a fungal heat shock protein.
36. (New) The method of claim 32, wherein the heat shock protein is an hsp65, hsp60, hsp71, hsp90, hsp100, hsp10-12, hsp20-30, hsp40 or hsp100-200.
37. (New) The method of claim 34, wherein the protein or peptide is glycosylated.
38. (New) The method of claim 5, wherein the moiety comprises a lipid, carbohydrate, or small organic molecule.
39. (New) The method of claim 35, wherein the mammalian heat shock protein is a human heat shock protein.
40. (New) The method of claim 5, wherein the antigen presenting cell is a human antigen presenting cell.
41. (New) The method of claim 5, wherein the moiety of interest is covalently linked to the heat shock protein by a peptide bond.
42. (New) The method of claim 5, wherein the moiety of interest is covalently linked to the heat shock protein by chemical conjugation.
43. (New) The method of claim 5, wherein the cell is a cell *in vivo*.
44. (New) The method of claim 5, wherein the portion of the hsp is a protein- or ATP-binding domain.